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(54) Title: **INKJET RECORDING ELEMENT**

(57) **Abstract:** The present invention relates to a recording element intended for forming images by inkjet printing having very good colorfastness over time and a good ink drying time. Said recording element comprises a support and at least one ink-receiving layer, said ink-receiving layer comprising at least one hydrosoluble binder and at least one aluminosilicate polymer capable of being obtained according to a preparation method consisting in treating an aluminum halide with an alkyl orthosilicate only having hydrolyzable functions with an aqueous alkali in the presence of silanol groups, the aluminum concentration being maintained at less than 0.3 mol/l, the Al/Si molar ratio being maintained between 1 and 3.6 and the alkali/Al molar ratio being maintained between 2.3 and 3; and then stirring the resulting mixture at ambient temperature in the presence of silanol groups for long enough to form the aluminosilicate polymer; and then adding at least one aluminum chelating agent to the aluminosilicate polymer, the molar ratio between the chelating functions of the chelating agent and the aluminum of the aluminosilicate polymer being greater than or equal to 1.



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